



FIG. 1

Effect of pH and ageing on percentage phosphate binding of mixed metal compounds

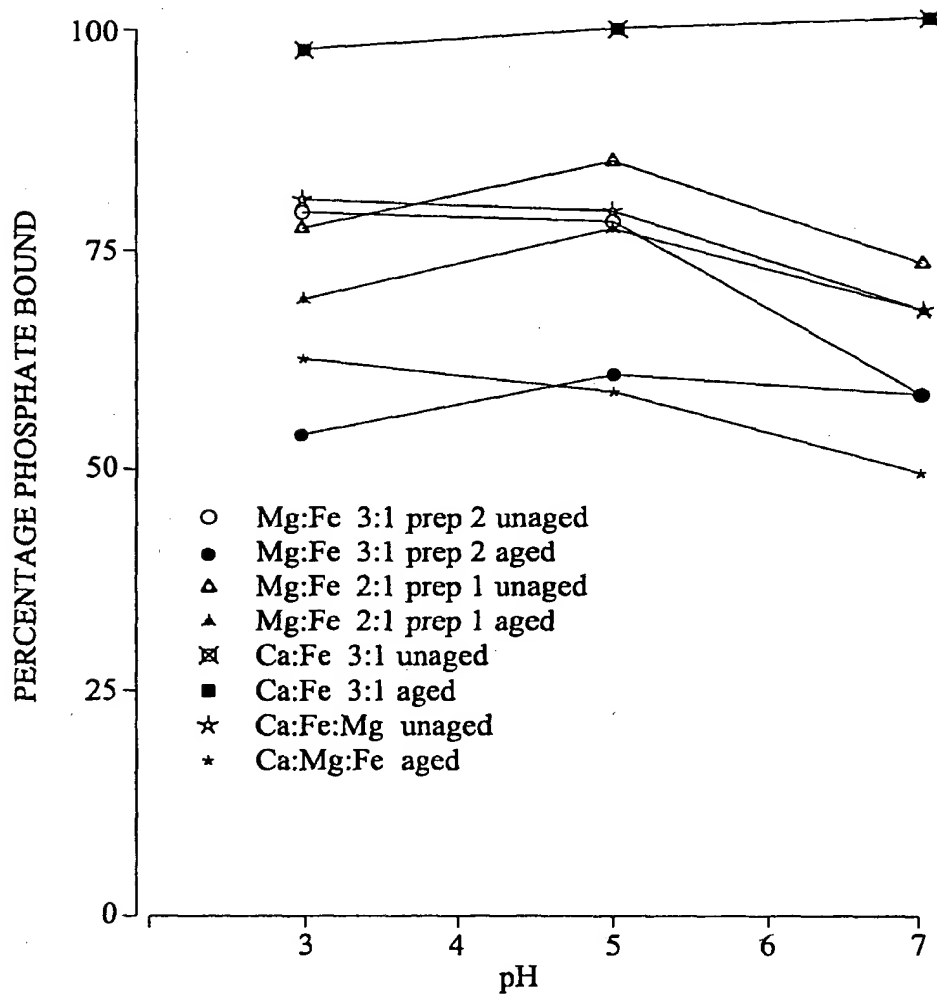




FIG. 2

Effect of pH and drying on percentage phosphate binding of mixed metal compounds

- | | |
|------------------------|-----------------|
| ○ Mg:Fe 3:1 prep 3 Wet | □ Ca:Fe 3:1 Wet |
| ● Mg:Fe 3:1 prep 3 Dry | ✕ Ca:Fe 3:1 Dry |
| △ Mg:Fe 2:1 prep 2 Wet | ☆ Ca:Fe:Mg Wet |
| ▲ Mg:Fe 2:1 prep 2 Dry | * Ca:Mg:Fe Dry |

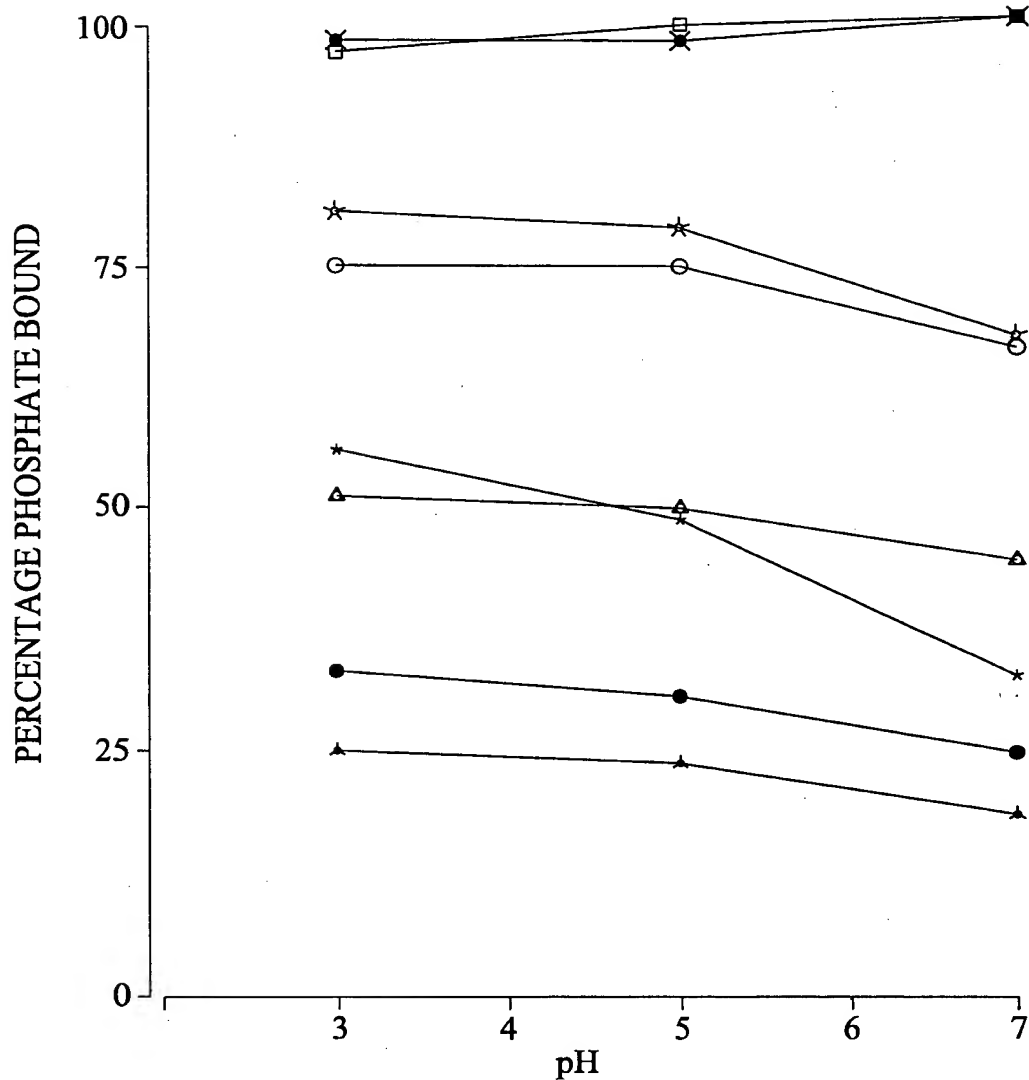




FIG. 3

Effect of increasing weight of compound on percentage phosphate bound at pH3

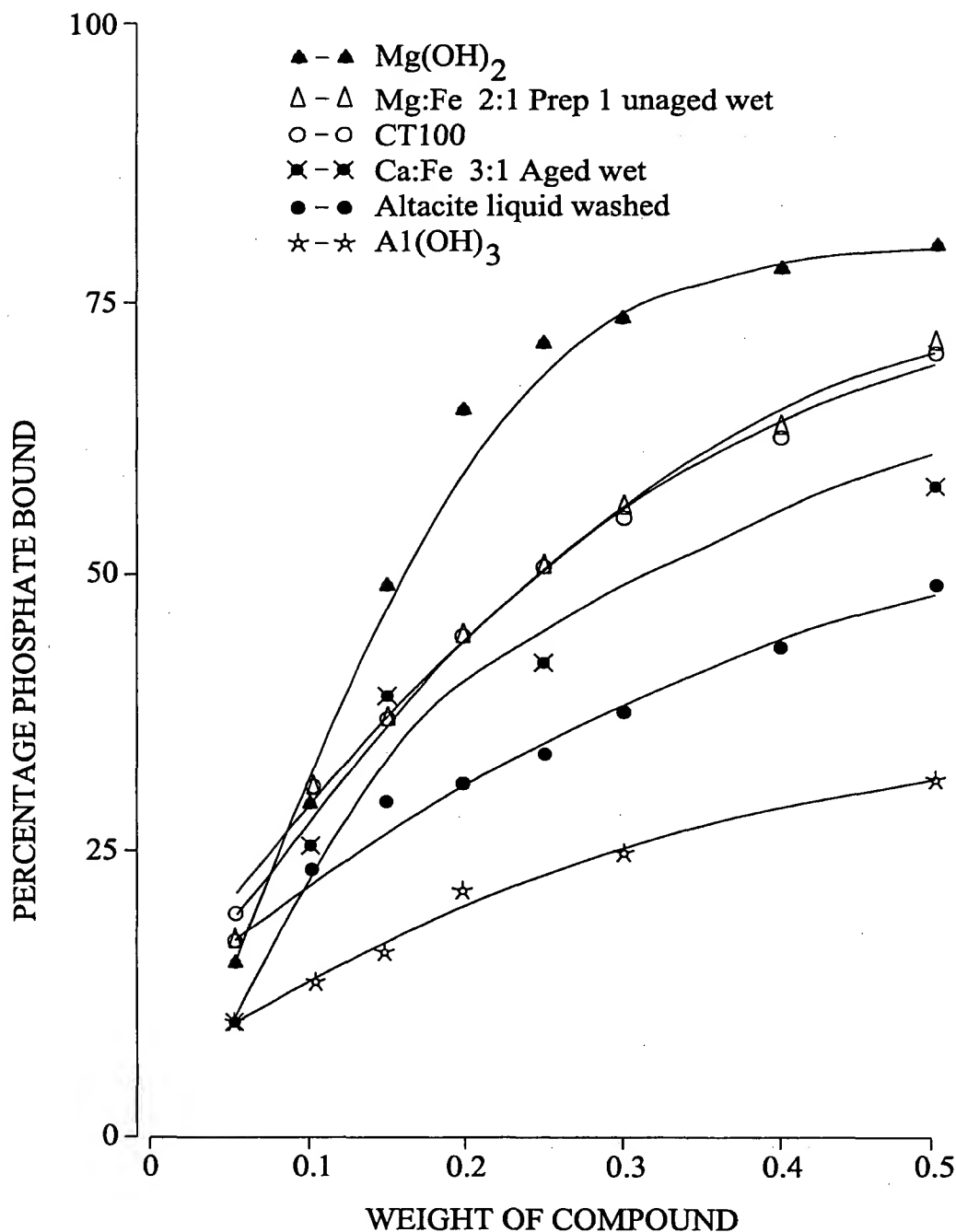




FIG. 4

Effect of increasing weight of compound on percentage phosphate bound at pH7

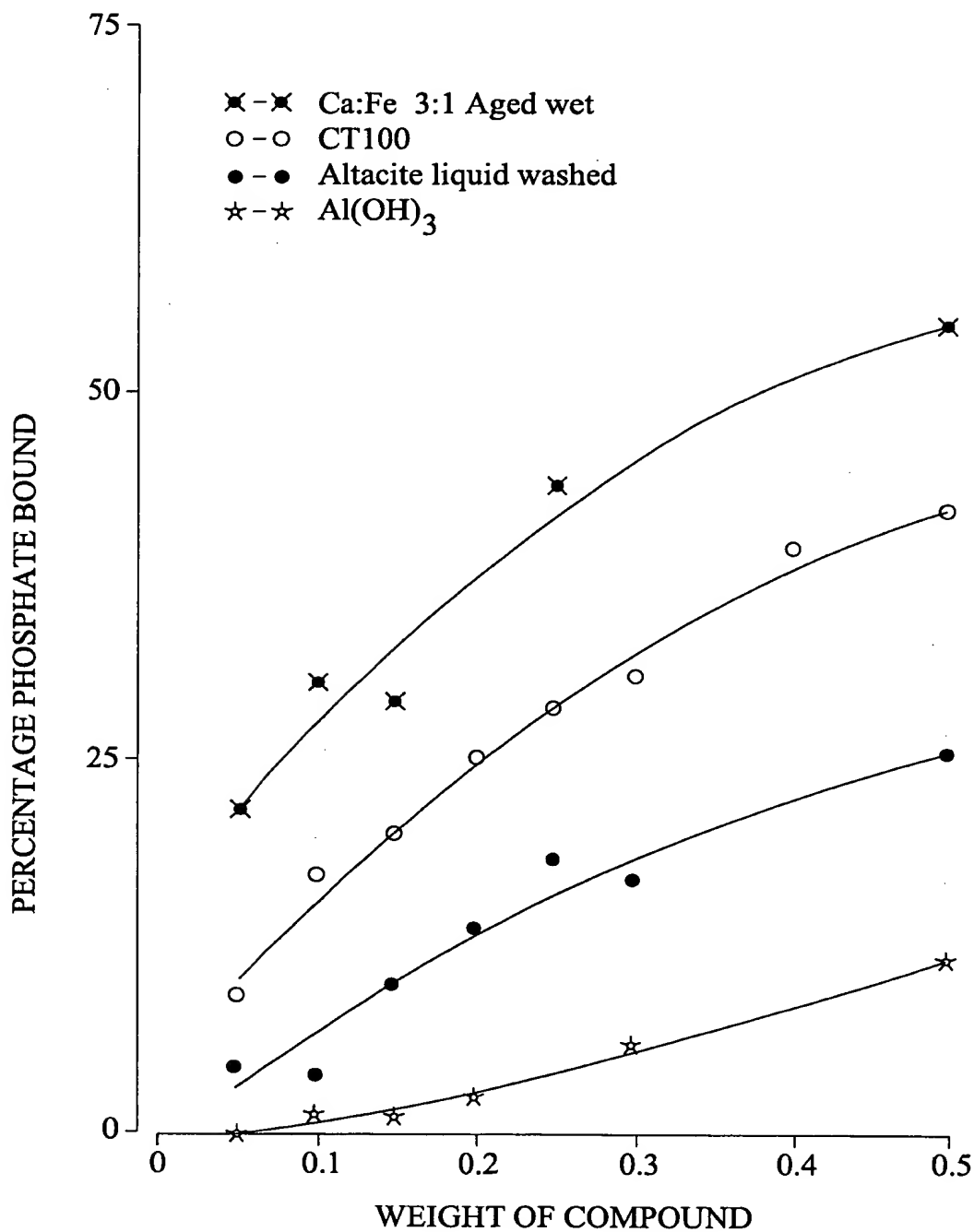




FIG. 5

Time course of phosphate binding in food

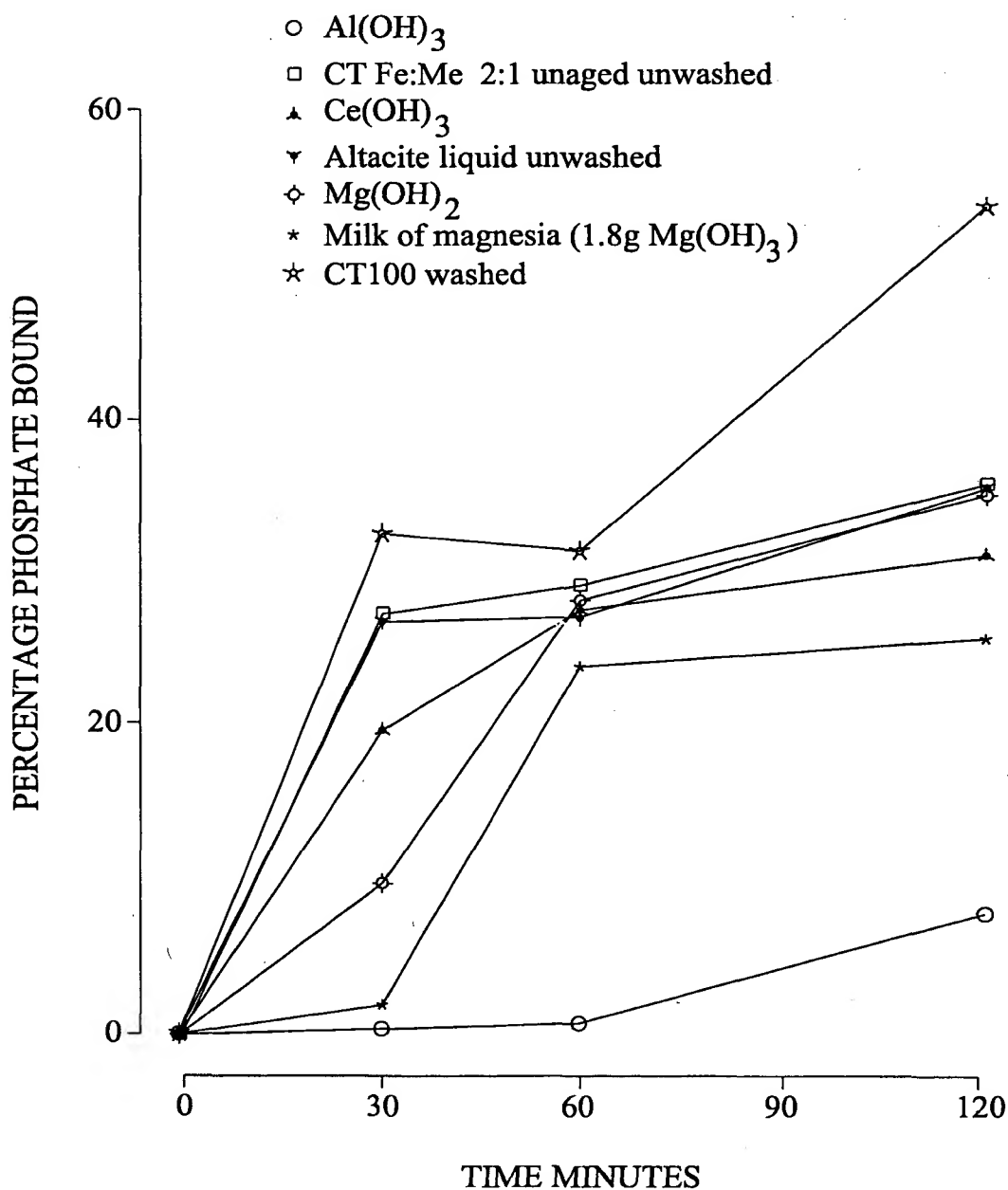




FIG. 6

Phosphate binding by the calcium ferric iron preparations
over the pH range 3-8

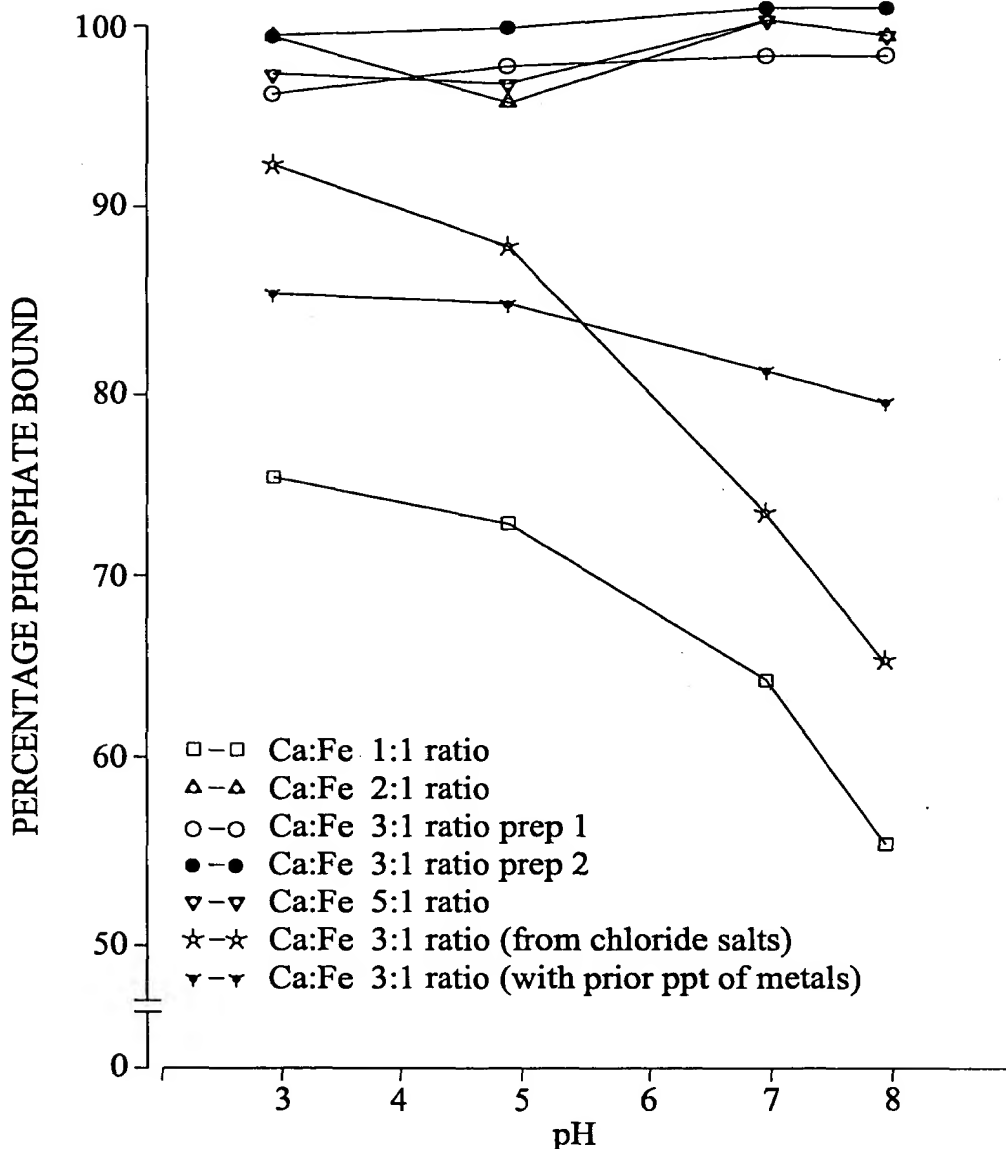




FIG. 7

Phosphate binding by the magnesium ferric iron and calcium magnesium ferric iron preparations over the pH range 3-8

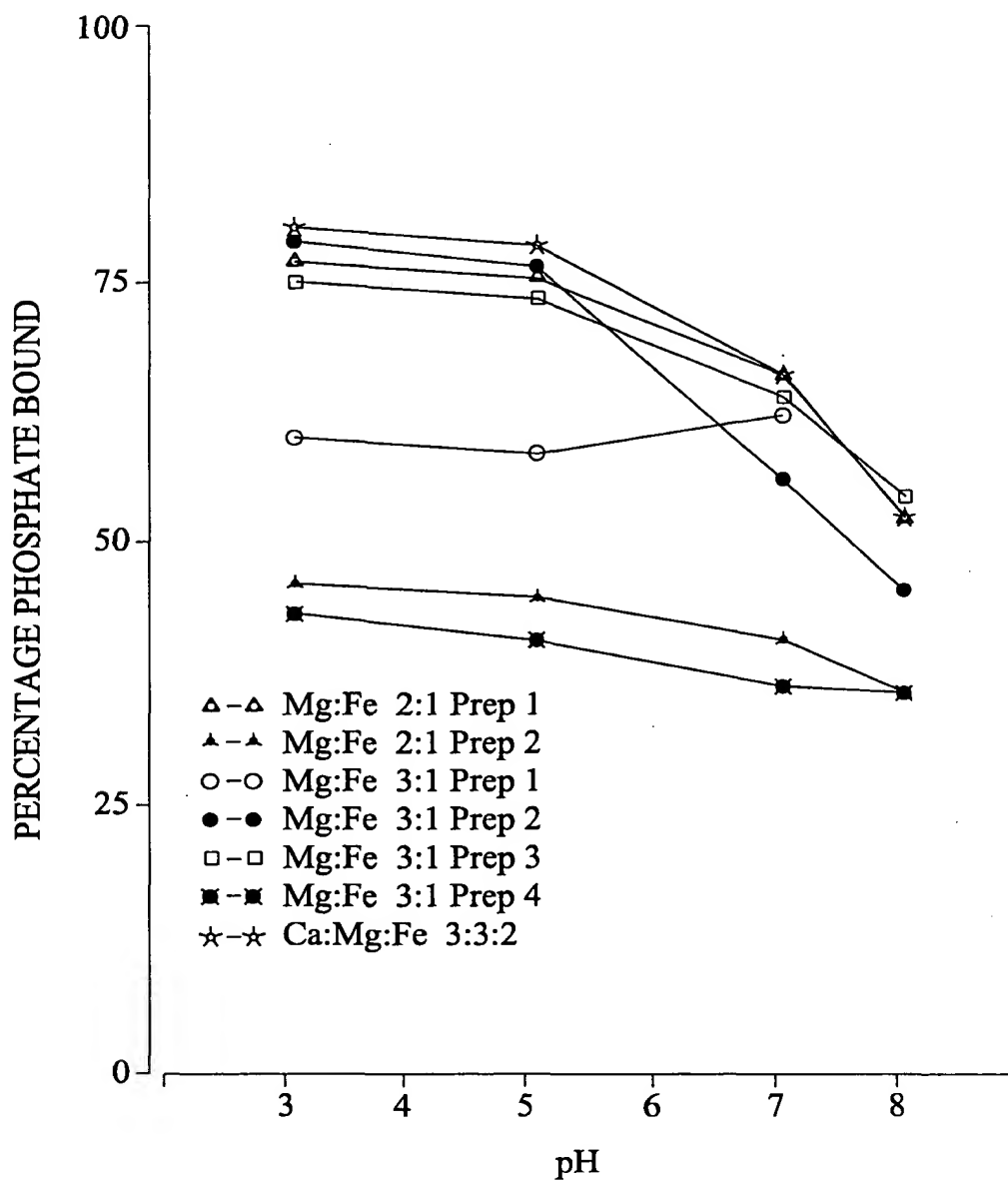




FIG. 8

Phosphate binding by aluminium hydroxide, magnesium hydroxide and calcium carbonate over the pH range 3-8

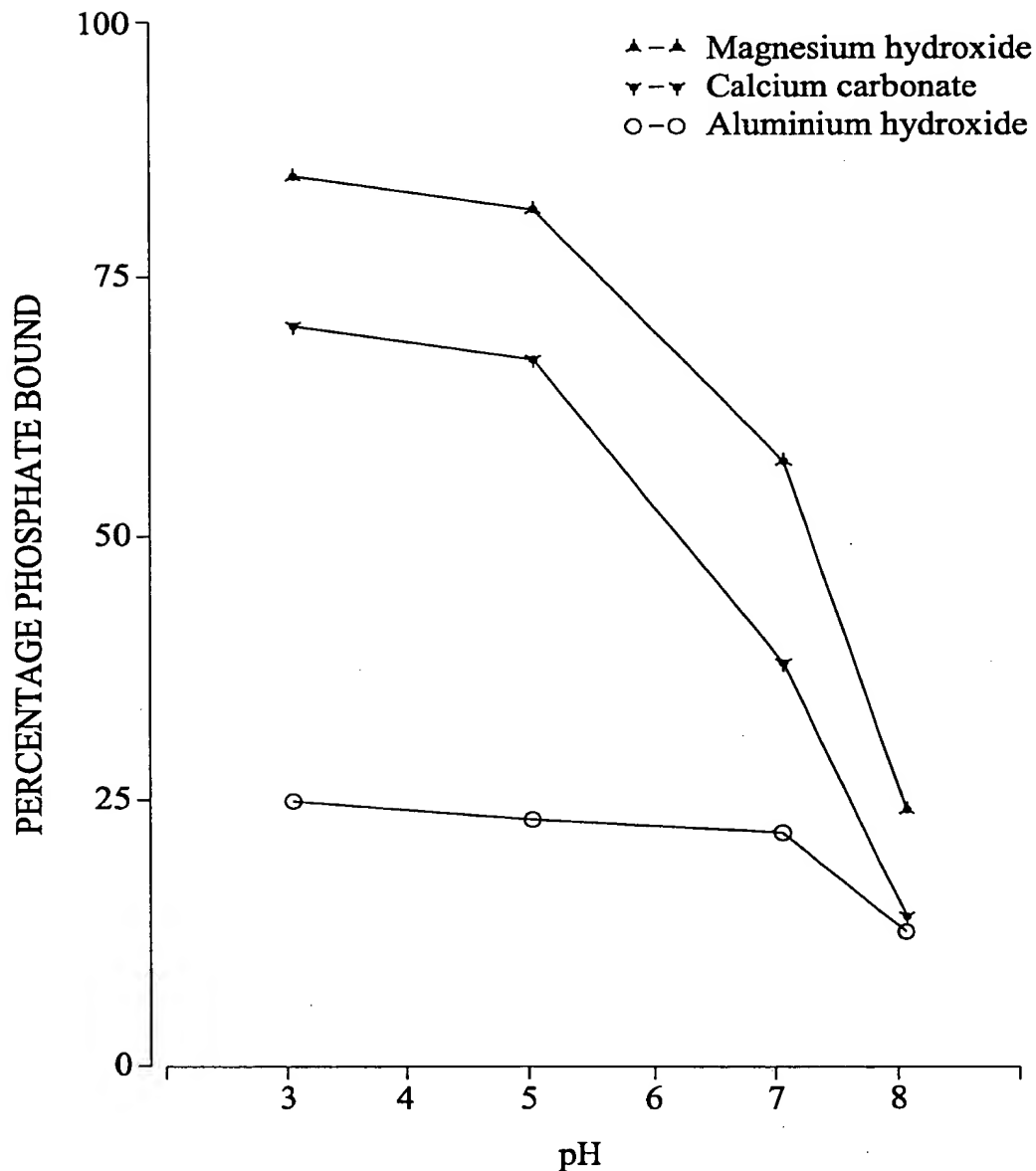




FIG. 9

Individual and mean (± 1 SEM) urinary phosphate excretion for control rats and those treated with phosphate binding compounds.

Individual values of urinary phosphate excretion ($\mu\text{mol}/24$ hours) were plotted for controls (Δ) and animals treated with $\text{Al}(\text{OH})_3$ (\blacksquare), CaCO_3 (\square), CTFeCa (\bullet), $\text{Mg}(\text{OH})_2$ (\circ), CT100 (\diamond) and CTFeMg (\diamond). Mean (\pm SEM) for each group are presented by points with error bars. * $p < 0.05$ compared to $\text{Al}(\text{OH})_3$ treated animal groups.

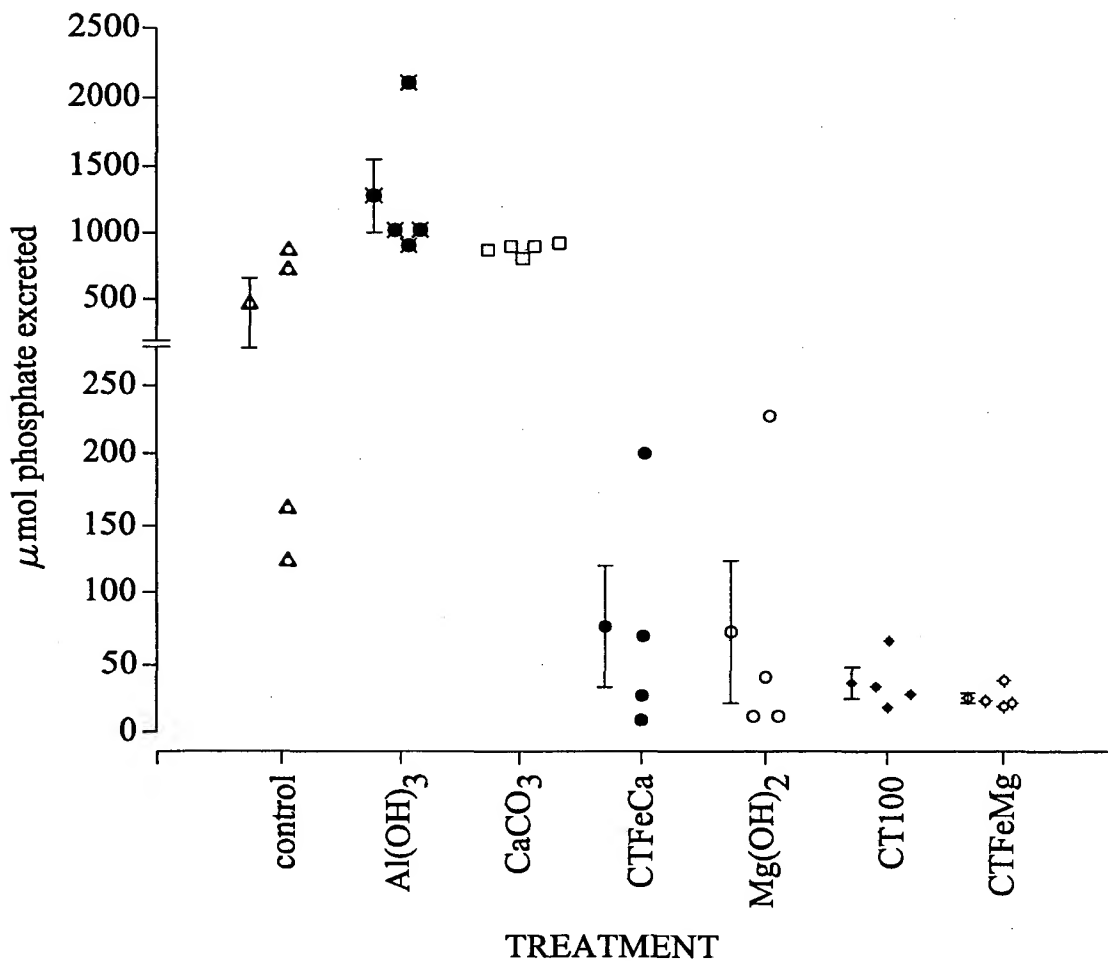




FIG. 10

Mean (+1SEM) soluble faecal phosphate (g^{-1} dry weight as a percentage of total soluble and insoluble) faecal phosphate (g^{-1} dry weight) for control rats and those treated with phosphate binding compounds.

* $p < 0.05$ compared to control and CaCO_3 treated animals

Δ $p < 0.05$ compared to CaCO_3 treated animals

